*University of Phoenix Material*

Portable Device Log

Complete the log below for at least 10 portable devices that could be used at school.

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| Portable Device | What are the benefits? | What are the challenges? | Who uses it? | Where do they use it? | How do they use it? | How frequently is it used? |
| Cell phone | Communication device with potential text messaging capability. | Potential distraction if communication not managed. Limited capability with no internet connection. | Everyone – students, teachers, and administrators. | Could be used anywhere at school where there is cellular coverage. | Used as a verbal communication device. | Daily |
| Smart phone | Cell phone functionality plus internet access, typical camera, video, and audio recording capability. Both the capability of functions of a cell phone and a PDA. | Compared with larger devices, smaller screen and can make reading information challenging. Smaller input devices also provides challenges relative to larger devices if entering large amounts of information. | Everyone – students, teachers, and administrators. | Could be used anywhere at school where there is cellular coverage and/or wi-fi for the internet capability. | Can be used as a verbal communication device, a connection device with the internet, a still camera, a video camera, a music player or a video player. | Daily |
| Personal digital assistant (PDA) | Potentially lower total costs than a smartphone over the life of the device. Independent of a specific carrier service versus a smartphone. Less total capability (no phone) compared with a converged device such as a smartphone. | Connectivity – do not connect to cellular networks. If wi-fi enabled can achieve internet connectivity near hotspots. | Everyone – students, teachers, and administrators | Can be used where there is a wi-fi hotspot. | A connection device with the internet. | Daily |
| Laptop computer (Chromebook) | Improved and larger interfaces than smartphones. Chromebooks allow broad capability for integration with all google platform software (Chrome operating system). Compared with a PC, lower cost to deploy and maintain. Imbedded virus detection and mitigation. Thin client device based on cloud for storage and back-up for enhanced reliability. Longer battery life than PCs. Overall flexibility of google works with many other interface devices. | Some lack of capacity to process more complex software. | Primarily students. Possible for teachers and administrators to use but typically do not. | Can be used where there is a wi-fi hotspot. | This depends on the product a bit, but primarily an internet connection device. | Daily |
| Laptop computer (Non-Chromebook) | Similar advantages to smartphones as listed above for Chromebook. Windows-based which provides for flexibility and independence for google platform. | Some lack of capacity to process more complex software. Cannot interface with google-based software. | Primarily students. Possible for teachers and administrators to use but typically do not. | Can be used where there is a wi-fi hotspot. | This depends on the product a bit, but primarily an internet connection device. | Daily |
| Tablet | More lightweight and flexible than laptop. Very capable for viewing films and books. | Does not have some of the capacity as a laptop, cannot run certain complex software as laptops. | Everyone – students, teachers, and administrators | Can be used where there is a wi-fi hotspot. | Can be used as a verbal communication device, a connection device with the internet, a still camera, a video camera, a music player or a video player. | Daily |
| Smart calculators | Calculators with advanced function and storage capabilities. Can connect with whiteboards for instruction. | Use of calculators may be restricted during certain standardized exams due to memory and file storage capability. | Primarily students. Possible that teachers in advanced math or physics classes would use also. | Can be used anywhere as a standalone device, not dependent on an internet connection. | These are used as calculators for specific classes where advanced math functions are required. | Periodically, when specific problem solving with advanced functions is required. |
| PMPs | Large capacity to store and play audio files, music. | Limited device – not capable of searching and retrieving information from the internet. | Everyone – students, teachers, and administrators | Can be used anywhere as a standalone device, not dependent on an internet connection. | These devices are used to store or play music and videos. | Daily |
| Portable computer projector | Flexibility to make visual presentations in any locations from other devices. | Very specific use for projecting images. | Primarily teachers and administrators. Possible for students to use. | Can be used anywhere as a standalone device, not dependent on an internet connection. | These are devices used to display a presentation or video from a laptop. | Periodically when information from a portable device is required and cannot project through another device due to the location. |
| Portable video camcorder | Flexibility to record longer presentations, events and speeches with higher quality than cameras imbedded in other combined devices. | Cost relative to imbedded video cameras in other devices such as tablets or smartphones. | Primarily teachers and administrators. Possible for students to use. | Can be used anywhere as a standalone device, not dependent on an internet connection. | These are used to record a very high quality or lengthy presentation, event or special effects that an imbedded camera in a smartphone or tablet would not do as well. | Periodically, when a special event or presentation or observation needs to be recorded with a certain quality or capability. |